

Database of Emerging Large-Load Tariffs (DELTA): Tariff Characteristics & Trends Across the U.S.

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National Community Solar Partnership+ / Energy Affordability Working Group
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Our Mission

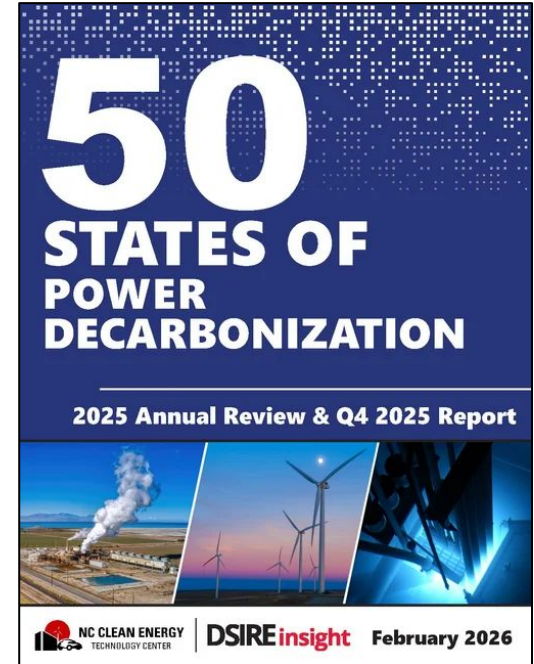
The N.C. Clean Energy Technology Center, at N.C. State University, advances a sustainable energy economy by educating, demonstrating and providing support for clean energy technologies, practices, and policies.

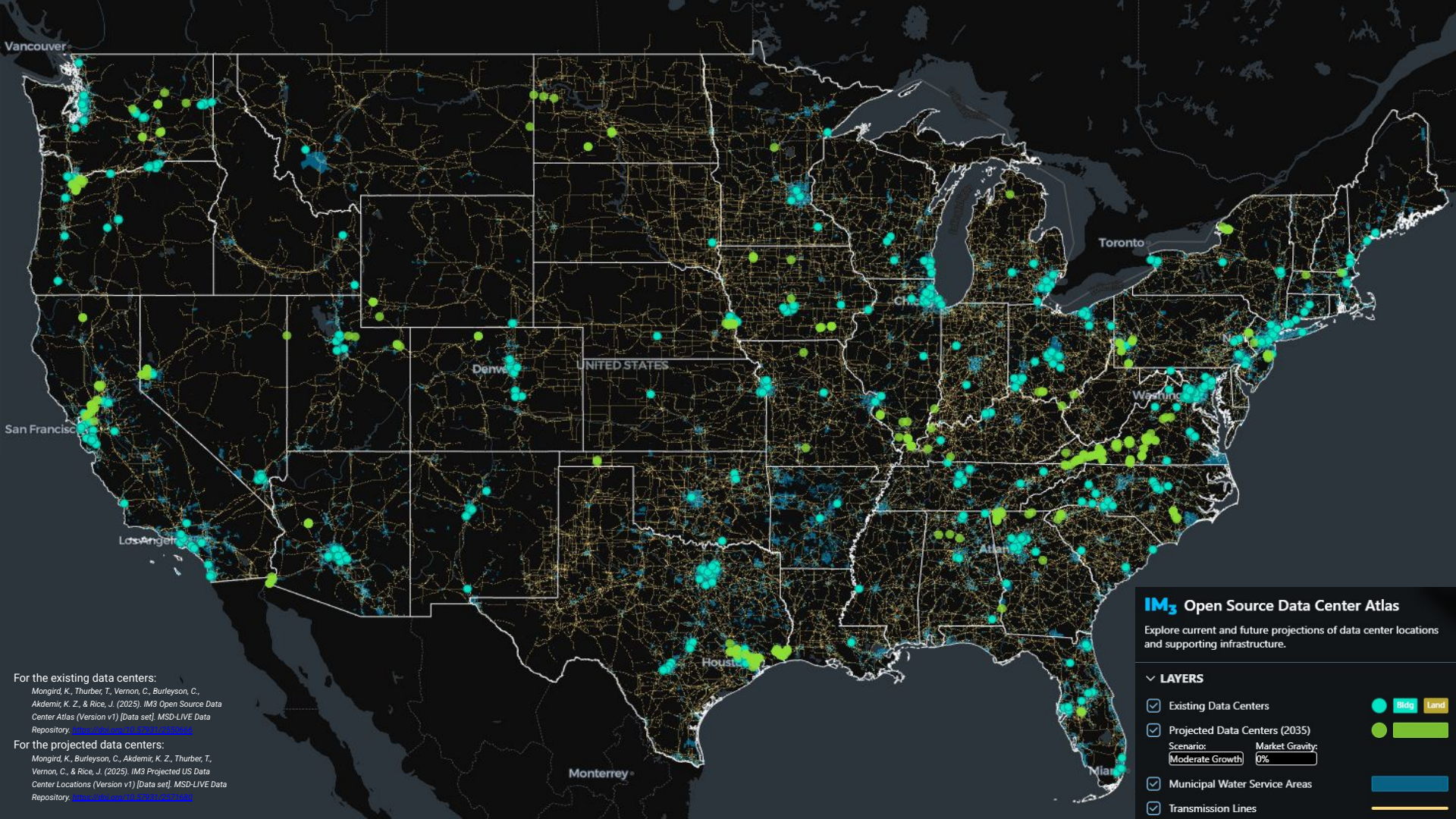
For over 35 years, the Center has worked closely with partners in government, industry, academia and the non-profit community.

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- Tracking Subscription Content
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 - Quarterly Policy Reports
 - Policy Data Sheets
 - Monthly Curated Policy Update Emails
- Custom Tracking, Consulting, and Policy Research

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IM₃ Open Source Data Center Atlas

Explore current and future projections of data center locations and supporting infrastructure.

LAYERS

- Existing Data Centers ● ●
- Projected Data Centers (2035) ■ ■
- Municipal Water Service Areas ■
- Transmission Lines —

For the existing data centers:

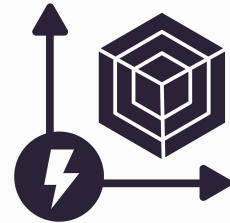
Mongird, K., Thurber, T., Vernon, C., Burleyson, C., Akdemir, K. Z., & Rice, J. (2025). IM₃ Open Source Data Center Atlas (Version v1) [Data set]. MSD-LIVE Data Repository. <https://doi.org/10.5281/1250949>

For the projected data centers:

Mongird, K., Burleyson, C., Akdemir, K. Z., Thurber, T., Vernon, C., & Rice, J. (2025). IM₃ Projected US Data Center Locations (Version v1) [Data set]. MSD-LIVE Data Repository. <https://doi.org/10.5281/1250949>

Key Characteristics of Large-Load Tariffs

- Customer classification
- Minimum demand/size
(Large-load neutral vs data center-specific)
- Contract duration and termination
- Financial assurance and collateral
- Cost allocation and shifting limitations
- Various energy transition/service provisions
 - Load flexible service
 - Clean energy requirements



Notable Approved/Proposed Large-Load Tariffs

<p>Indiana Michigan Power Industrial Power (IP) Tariff</p> <p>APPROVED</p>	<ul style="list-style-type: none"> • Applies to customers exceeding 150 MW and includes a five-year load ramp within the contract term, required financial assurance based on credit rating, customer payment for planning studies, exit fees after Year 5 with early notice requirements, and flexibility to reduce contracted capacity by up to 20%. • Proceeding also approved development of a forthcoming CTT, a five-year weatherization program funded by \$500,000 per year from Amazon, Microsoft, and Google, <ul style="list-style-type: none"> ◦ Offers model for consideration of potential “good neighbor” community support provisions.
<p>NV Energy Clean Transition Tariff (CTT)</p> <p>APPROVED</p>	<ul style="list-style-type: none"> • For existing, fully bundled large-load customers (≥5 MW average hourly load) to voluntarily procure dedicated new clean energy resources owned and dispatched by NV Energy, with associated RPS credits retired or transferred for retirement. • Participation requires a Commission-approved Energy Supply Agreement tied to the useful life of the resource, including early termination fees, with ESAs filed alongside NV Energy’s Integrated Resource Plans and reviewed to prevent cost impacts to non-participating customers.
<p>AEP Ohio Data Center Tariff (DCT)</p> <p>APPROVED</p>	<ul style="list-style-type: none"> • Establishes a new customer class for data centers exceeding 25 MW of monthly demand (mobile data center class ultimately eliminated), with minimum billing demand requirements, long-term service commitments, and contract capacity limits to manage system impacts. • Tariff requires a 12-year term (including a 4-year load ramp), an 85% minimum billing demand, revised contract capacity calculations, authority for AEP Ohio to suspend service for material overuse, and a broadened customer definition that includes a financial sponsor co-signing the agreement.

Notable Approved/Proposed Large-Load Tariffs

**Ameren Missouri
Large Load Customer
("LLC") Rate**

APPROVED

- Applies to new or expanding customers with ≥ 75 MW monthly demand, with a minimum 12-year term plus an optional 5-year load ramp and 36 months' notice required for non-renewal; customers may reduce contract capacity by up to 20% or pay a fee for larger reductions, and early termination triggers Exit and Early Termination Fees, including ramp-period coverage.
- 4x associated clean energy riders allowing customers to procure, subscribe to, or store renewable, nuclear, and distributed energy, with costs, credits, and environmental attributes (including RECs) set via customer-specific agreements.

**Commonwealth of
Pennsylvania**

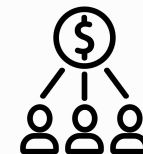
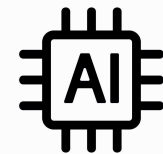
**Model Tariff for
Customers at or Over 50
MW Individually or 100
MW in the Aggregate**

PROPOSED

- State regulator staff proposed a model tariff with a 5-year minimum contracts, 3-5 year load ramps, 80% minimum demand charge, financial security for network upgrades, contract reduction/termination fees, and incentives for load flexibility and onsite generation.
- Additional provisions include contributions in aid of construction, annual hardship fund contributions, and optional interruptible service with lower minimum demand or standby charges.

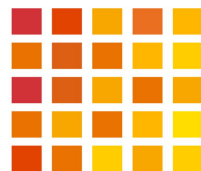
Key Trends

- Large-load neutral tariffs
- Minimizing cost shifting to other ratepayers
 - Fair cost recovery for essential grid upgrades, new generation, and studies
- Ensuring and strengthening grid reliability
 - Strict termination and interruptible service provisions
 - Load flexibility through demand response and dynamic pricing
- Advancing carbon-free solutions
- Flexible and innovative contractual frameworks
- Balancing state/local economic development w/utility responsibilities





NC CLEAN ENERGY
TECHNOLOGY CENTER



**Smart Electric
Power Alliance**

**Questions or comments about DELTa? Aware of a tariff
we should consider including?**

**Email research@sepapower.org or
dsire-admin@ncsu.edu.**